

Aug 21, 1961

Mod 1 Air-Fed Inc.

Listed below find requirements on source data considered necessary to proper completion of the (Model 1 Air-Fed Incinerator) REQUIREMENTS ON

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1. Complete bill of materials or list of materials indicating specification. This is necessary to determine tool sizes such as wrenches, drills and bits and other incidentals necessary to assembly.

2. Is all stack fabrication 16 gage stainless steel?

3. Number 310 stainless steel rod is necessary for heliarc process. Will this involve any difficulty at various facility locations? (heliarc)

4. Should a stack be tied into a fire brick chimney or existing exhaust or passed through masonry. What wrapping firebrick cement or other sealing and packing components are required?

5. What is the overall weight of the incinerator; blower motor; and the approximate weight of each of the seven packages?

6. Will electrical components of the motor unit be available for repair of same based on elementary repair concepts as we are presenting it?

7. Will an overall manufacturers manual, handbook, instruction leaflet or similar be available for packing with this equipment so that advanced repairs i.e., rewinding and similar have to be accomplished, reference can be made to such a handbook. Should this not be available, we are required to accept one of two maintenance philosophies.

a. Any motor breakdown will require scrapping of the motor or return to home plate and the order of a new unit.

b. Complete motor technical data must be provided in our manual.

8. Re Item 3--Would a softer rod in conjunction with standard electric welding or hydrogen oxygen welding be feasible for stack fabrication.

9. Would braising techniques be feasible?

Note: Our concern with Items 3 and the referenced 8 and 9 is a result of our knowledge of the fact that heliarc processing is a fairly complicated and "modern" technique; thus, we are trying to assure any alternative--that it would be feasible at out of the way facilities.

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